

INDEX

adjustment of fire, 2-11, 3-7, 3-8 (*illus*), 6-10

adjustment of sights

 M72-series LAW, 2-8, 2-9 (*illus*)

 M136 AT4, 3-7, 3-8 (*illus*)

aiming procedures, 2-11, 4-2 to 4-6 (*illus*)

ambushes, antiarmor, 6-13, 6-14 (*illus*)

AN/PVS-4 nightsight, 2-9 to 2-12 (*illus*), 6-10

arming range, minimum, 2-2, 3-2, A-4

armored vehicle

 dead space, 6-4 (*illus*)

 weaknesses, 6-2, 6-3 (*illus*)

armor-killer teams, 6-13

assistant trainers, B-12

AT4 (*see* M136 AT4)

backblast, 2-1, 2-13, 3-8, 3-11 to 3-13 (*illus*), 5-2 to 5-6 (*illus*), 6-10, 6-11, A-1 to A-3 (*illus*), B-1, B-6, D-1 (*illus*)

buildings

 engaging, 6-8, 6-9 (*illus*)

 firing from, 6-10

bunkers, engagement of, 6-9 (*illus*)

care and handling, 1-2, 2-5, 3-4

collective training, 7-1, 7-4

color codes, M136 AT4, 3-4 (*illus*)

combat

- range, minimum, 2-2, 3-2, A-4
- techniques, 6-1

DA Form 7323-R (M72-Series LAW Scorecard), E-1, E-2 (*illus*)

DA Form 7324-R (M136 AT4 Scorecard), E-4, E-5 to E-6 (*illus*)

danger zones, A-1, A-2

dead space, armored vehicle, 6-3, 6-4 (*illus*)

defensive operations, 6-12, 6-14

effective range, maximum, 2-2, 3-2, 6-12, D-2

effects, weapon, 2-3, 3-2, 3-3 (*illus*), 6-9 (*illus*), 6-11

employment, 1-1, 2-3, 6-1, 6-4, 6-10 to 6-14 (*illus*)

enclosures, firing from, 6-11, A-2, A-3

engagement range, 2-2, 3-2

- maximum, D-2
- minimum, A-4

eye placement, 4-2 (*illus*)

field fortifications, engagement of, 6-9 (*illus*)

field-handling trainers, C-1 to C-5, C-7 M72-series LAW, B-1 (*illus*), B-2 (*illus*)
M136 AT4, 3-4, 3-12, 4-6, B-6

firing

- from enclosures, 6-11, A-2, A-3
- limitations, A-2, A-3, A-4
- line, D-1
- positions (*see* appropriate weapon)
- range, suggested design for, D-1
- tables, 7-2, E-3, E-7, E-8
- techniques, 6-9 (*illus*)

force-on-force trainer, 7-4

fratricide avoidance, 1-2, 1-3, 2-5, 2-11, 2-13, 2-14, 3-11, 6-12, A-1 to A-4

front sight template, B-5 (*illus*)

fundamentals of marksmanship, 4-2 to 4-6 (*illus*)

Graphic Training Aid 7-2-5 (Sight Engagement Trainer, AT4), B-5 (*illus*)

gunnery training requirements, 7-1 to 7-3

IET (initial entry training), 7-1, 7-2

illumination, 6-10, E-3, E-7, E-8

individual training, 7-1 to 7-5

infantry fighting position, A-3

initial entry training (IET), 7-1 7-2

inspection

 M72-series LAW, 2-5

 M136 AT4, 3-4

institutional training, 7-1 (*illus*)

kills, types of, 6-5

launcher, expended

 M72-series LAW, B-1 (*illus*), B-2 (*illus*)

 M136 AT4, B-6

LAW (light antitank weapon—*see* M72-series LAW)

limited visibility, 3-1, 6-1, 6-10, 6-13

 armored vehicle, 6-3, 6-4 (*illus*)

 firing tables, E-1, E-3, E-7, E-8

live fire, 1-2 (*illus*), 1-3, 2-15, 3-12, 3-13, 6-10, 7-2, B-1, B-10

M72A1 mounting bracket assembly, 2-10

M72-series LAW, 1-1 (*illus*), 2-1, 2-2 (*illus*), 2-12, 4-6

employment, 1-1, 2-3, 4-3, 4-4 (*illus*), 6-1, 6-4, 6-10 to 6-14 (*illus*)

firing

mechanism, 2-6 to 2-8 (*illus*)

positions, 5-1 to 5-6 (*illus*)

range, suggested design for, D-1

tables, 7-2, E-3

misfire procedures, 1-2, 1-3, 2-14, 7-3, 7-5, C-6

nightsight, 2-10

operation and function, 2-12

packaging, 2-4 (*illus*)

rocket, 2-2, 2-3 (*illus*)

safety, 2-5, 2-8, 2-11, 2-14, 2-15, A-2 (*see also* backblast and fratricide avoidance)

safety mechanism, 2-6 (*illus*), 2-7 (*illus*)

scorecard, E-1, E-2 (*illus*)

sight

adjustment, 2-8, 2-9 (*illus*)

picture, 4-3 to 4-5 (*illus*)

target engagement, 4-3 (*illus*), 4-4 (*illus*)

technical data, 2-2

training device, B-1, B-2 (*illus*)

warhead, 2-3

weapon effects, 2-3, 5-6, 6-8, 6-9 (*illus*)

M72-Series LAW Scorecard (DA Form 7323-R), E-1, E-2 (*illus*)

M136 AT4, 3-1 (*illus*)

employment, 1-1, 4-4, 4-5 (*illus*), 6-1, 6-4, 6-10 to 6-14 (*illus*)

firing

mechanism, 3-5 (*illus*)

positions, 5-1 to 5-6 (*illus*), A-2

range, suggested design for, D-1

tables, 7-2, E-7

function, 3-5

misfire procedures, 1-2, 1-3, 3-11 to 3-13 (*illus*), 7-3, 7-5, C-6

operation, 3-1, 3-8 to 3-11 (*illus*), 4-6, 6-11 (*illus*)

overpressure, 6-10

packaging, 3-3 (*illus*)

safety, 3-8, 3-12, 6-10, A-2 to A-3 (*see also* backblast and fratricide avoidance)

safety mechanisms, 3-5 (*illus*), 3-6 (*illus*)

scorecard, E-4, E-5 to E-6 (*illus*)

sight

adjustment, 3-7, 3-8 (*illus*), 3-10 (*illus*)

picture, 4-4 to 4-5 (*illus*)

- target engagement, 4-4, 4-5 (*illus*)
- technical data, 3-2
- training devices, 3-4 (*illus*), B-6 (*illus*)
- warhead, 1-3, 3-2, A-4
- weapon effects, 3-2, 3-3 (*illus*), 5-6, 6-8, 6-9 (*illus*)

M136 AT4 Scorecard (DA Form 7324-R), E-4, E-5 to E-6 (*illus*)

M190 subcaliber launcher, 2-15, B-1 to B-5, E-2

M287 subcaliber tracer trainer, 3-13, B-6 (*illus*), B-12, E-7 to E-8

marksmanship, fundamentals of, 4-2 through 4-6 (*illus*)

maximum effective range, 2-2, 3-2, 6-12, D-2

maximum engagement range, 2-2, 3-2, D-2

methods of engagement, 6-5 to 6-7

METL (mission-essential task list), 7-4

MILES (multiple integrated laser-engagement system), 7-4 (*illus*)

minimum range, 2-2, 3-2, A-4

misfire procedures, 1-2, 1-3, 7-3, 7-5, C-6

- M72-series LAW, 2-14
- M136 AT4, 3-11 to 3-13 (*illus*)
- M190 subcaliber launcher, 2-15, B-5
- M287 9-mm subcaliber tracer trainer, 3-13, B-12

mission-essential task list (METL), 7-4

mission outlines, 7-4

multiple integrated laser-engagement system (MILES), 7-4 (*illus*)

NBC (nuclear, biological, chemical), 6-10

nightsight (AN/PVS-4), 2-9 to 2-12 (*illus*), 6-10

NVDs (night vision devices), 2-9 to 2-12 (*illus*), 6-10

obstacles, 6-3, 6-13

offensive operations, 6-1, 6-12

operating temperatures, 1-3, 2-1, 2-5 (*illus*), A-1, A-4, B-8

operations

 defensive, 6-12, 6-14

 offensive, 6-1, 6-12

overhead fire, A-4

overpressure, 6-10

performance evaluations, C-1

POIs (programs of instruction), 7-1 (*illus*)

raids, 6-14

range

 card, 6-12

 design, D-1

 estimation, 6-1

 of fire, 2-2, 3-2, A-4

 safety, 2-14, A-3, B-5, B-12

reactive armor, 6-2, 6-3

rear area operations, 6-13

resources, 7-3, B-1

restrictive terrain, 6-13

roles of light antiarmor weapons, 6-12 to 6-14

safety, 2-14, A-2 (*see also* backblast and fratricide avoidance)

 decontamination procedures, 1-3

 destruction procedures, 1-2 firing from an enclosure (combat), 6-11, A-2,

 A-3 limitations, A-2

 hearing protection, 3-8, 6-11, A-3

 infantry fighting position, A-2, A-3

- M72-series LAW, 2-5, 2-8, 2-11, 2-14
- M136 AT4, 3-8, 3-11, 3-12
- M190 subcaliber launcher, 2-15, B-5
- M287 9-mm subcaliber tracer trainer, 3-13, B-10, B-12
- night sight, 2-11
- range safety, 2-14, B-5, B-12
- training, A-1, B-1

- scorecards, example completed
 - M72-series LAW, E-2 (*illus*)
 - M136 AT4, E-5 to E-6 (*illus*)

- sector sketch, 6-1, 6-12

- security teams, 6-13

- sight alignment, 4-2 to 4-5 (*illus*), 4-6

- sight engagement trainer, AT4, B-5 (*illus*)

- sights
 - M72-series LAW, 2-8, 2-9 (*illus*)
 - M136 AT4, 3-7 (*illus*), 3-8 (*illus*), 3-10 (*illus*)

- skill retention, 7-2 (*illus*), 7-5

- speed estimation, 6-1, 6-2 (*illus*)

- stationary targets, 4-3 to 4-5 (*illus*)

- STRAC (Standards in Training Commission), 7-2, 7-3 (*illus*)

- sustainment training program, 7-2 (*illus*), 7-5

- tactical employment, 1-1, 2-3, 6-1, 6-4, 6-10 to 6-14 (*illus*)

- target array, D-2 (*illus*)

- target engagement, 4-3 to 4-5 (*illus*), 6-1

- target silhouette sheet, B-5 (*illus*)

- targets, moving, 4-3 to 4-5 (*illus*), 6-2, 6-7 (*illus*)

technical data

 M72-series LAW, 2-2

 M136 AT4, 3-2

techniques of fire, 6-1, 6-2 (*illus*)

temperature effects, 1-3, 2-5, A-4, B-2

terrain, restrictive, 6-13

tracer trainer, subcaliber (M287), 3-13, B-6, B-12

training, 7-1 (*illus*), B-1

 aid, graphic, B-5 (*illus*)

 collective, 7-1, 7-4

 exercises, 7-2, B-1

 facilities, D-1

 frequency, 7-3 (*illus*)

 individual, 7-1 to 7-5

 initial entry, 7-1

 institutional, 7-1 (*illus*)

 program, 7-1

 requirements, 7-2, 7-3 (*illus*)

 safety, 2-14, A-1

 sequence, 7-4

 strategy, 7-1

 unit, 7-2

training devices

 expended launchers, 1-3, 4-6, B-1, B-2 (*illus*), B-6, C-1, E-3

 field-handling trainers, 3-4, 3-12, 4-6, B-6

 force-on-force trainers, 7-4

 subcaliber trainers, 3-13, 6-10, B-1, B-6

Training Support Center (TSC), B-1

train-the-trainer, 7-4

TSC (Training Support Center), B-1

unit training, 7-2

Viper, 7-4

warhead (*see* appropriate weapon)

weapon effects, 6-2

 M72-series LAW, 2-3

 M136 AT4, 3-2 to 3-3 (*illus*)

weather conditions, 1-3, 2-5, A-4, B-2 (*see also* limited visibility)